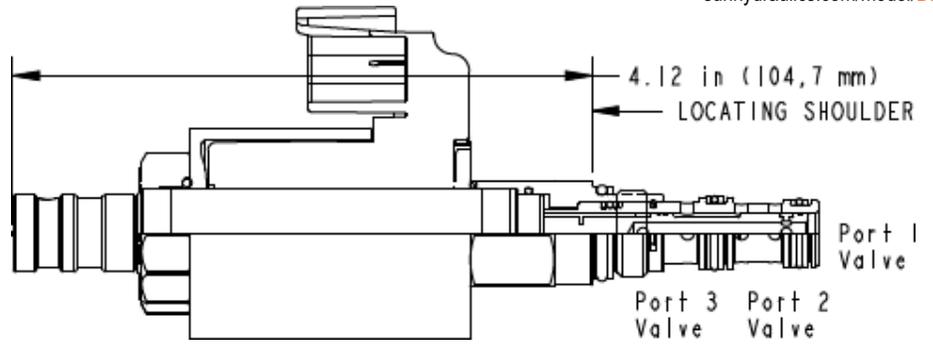


P-Control, N-Spool


CONFIGURATION

P	Control	Manual Pull Override
N	Spool Configuration	Normally Open 2 to 3, Closed 1 to 2
N	Seal Material	Buna-N
924D	Coil	Deutsch DT04-2P, 24 VDC, with transient voltage suppression (TVS) diodes

This FLeX Series solenoid-operated 3-way, 2-position cartridge is a direct-acting, balanced spool directional valve.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Maximum Operating Pressure	350 bar
Typical Valve Leakage at 110 SUS (24 cSt) Inlet on 1	164 cc/min.@350 bar
Typical Valve Leakage at 110 SUS (24 cSt) Inlet on 2 or 3	82 cc/min.@350 bar
Response Time - Typical	50 ms
Switching Frequency	15,000 max. cycles/hr
Seal kit - Cartridge	Buna: 990150007
Seal kit - Cartridge	Viton: 990150006

NOTES

- Please verify cartridge clearance requirements when choosing a Sun manifold. Different valve controls and coils require different clearances.
- An additional 2.00 inches (50,8 mm) beyond the valve extension is needed for coil installation and removal.

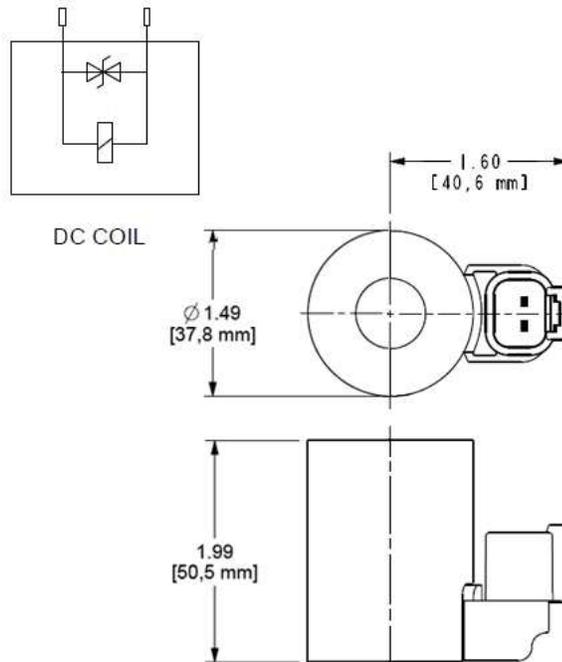
CONFIGURATION OPTIONS
Model Code Example: DMBFPNN924D

CONTROL	(P) SPOOL CONFIGURATION	(N) SEAL MATERIAL	(N) COIL * (924D)
P Manual Pull Override	N Normally Open 2 to 3, Closed 1 to 2	N Buna-N	924D Deutsch DT04-2P, 24 VDC, with transient voltage suppression (TVS) diodes
X No Manual Override	A Normally Open 1 to 2, Closed 1 to 3	E EPDM V Viton	No coil

* Additional coil options are available



CONFIGURATION



TECHNICAL DATA

Operating Temperature Range	-40 to 110 °C
Arc Suppression (TVS)	Included
Power Consumption (cold) - at rated voltage	25 Watts
Maximum Ambient Temperature	50 °C
Voltage/Frequency	24 VDC
Operating Voltage Range	+10%/-15%
Duty Cycle Rating	100 %
Connector	Deutsch DT04-2P
Coil Nut Torque	0,5 Nm

USED WITH

DBAF	DBAFS	DFBF	DFBG	DFCI	DFCJ	DFDI	DFDJ	DFEI	DFEJ
DFFI	DFFJ	DLDF	DLDFS	DMBF	DNBF	DTAF	DTAFS	DTBF	DTCF
DTDF	DTDFS	DWBF	DWDF	FDEP	FMDF	FMDG	FPBF	FPBG	FPBI
FPBJ	FPBU	FREP	PRDF	PRDG	RPEI	RVCK	RVCL	RVCM	RVCN
991711300	991711600	991712300	991712600	991713030	991713060	991717	991718	991719	991723001
991723002	991740001	XMD-01	XMD-02						